

CIVIL CRITERIA

TECHNICAL INSTRUCTIONS

TI 800-01	Design Criteria	Jul 98*
TI 800-03	Technical Requirements for Design-Build	Jul 98
TI 800-04	Installation Support	Aug 98
TI 801-01	Barracks Upgrade Program	Aug 98
TI 801-02	Army Family Housing	Aug 98
TI 802-01	Code 3 Design with Parametric Estimating	May 98
TI 804-01	Area Planning, Site Planning, and Design	Aug 98
TI 804-11	POV Site Circulation and Parking	Aug 98
TI 814-01	Water Supply	Aug 98
TI 814-01	Water Distribution	Aug 98
TI 814-01	Wastewater Collection	Aug 98
TI 814-01	Solid Waste Incineration	Aug 98

TECHNICAL MANUALS

TM 5-803-5	Installation Design	Mar 81
TM 5-803-7	Civil Engineering Programming Airfield and Heliport Planning Criteria	May 99
TM 5-803-11	Children's Outdoor Play Areas	May 97*

*Criteria is available in Design Br, Technical Review

TM 5-803-12	Planning of Outdoor Recreation Area	Sep 86*
TM 5-803-13	Landscape Design and Planting Criteria	Aug 88
TM 5-803-14	Site Planning and Design	Oct 94
TM 5-813-1	Water Supply: Sources And General Considerations	Jun 87*
TM 5-813-3	Water Supply, Water Treatment	Sept 85*
TM 5-813-4	Water Supply, Water Storage	Sep 85*
TM 5-813-5	Water Supply, Water Distribution	Nov 86*
TM 5-813-7	Water Supply for Special Projects, Vol. 7	Sep 86
TM 5-813-8	Water Desalination	Sep 86
TM 5-813-9	Water Supply Pumping Stations	Oct 92
TM 5-814-1	Sanitary and Industrial Wastewater Collection; Gravity Sewers and Appurtenances	Mar 85*
TM 5-814-2	Sanitary and Industrial Wastewater Collection-Pumping Stations and Force Mains	Mar 85*
TM 5-814-3	Domestic Wastewater Treatment	Aug 88*
TM 5-814-5	Sanitary Landfill	Jan 94*
TM 5-814-9	Central Wash Facilities	Feb 92
TM 5-820-1	Surface Drainage Facilities for Airfields and Heliports	Aug 87
TM 5-820-3	Drainage and Erosion Control Structures for Airfields and Heliports	Jun 91
TM 5-820-4	Drainage for Areas Other Than Airfields	Oct 93*
TM 5-822-2	General Provisions and Geometric Design For Roads, Streets, Walks, and Open Storage Areas	Jul 87
TM 5-822-5	Pavement Design for Roads, Streets, Walks, And Open Storage Areas	Jun 92

*Criteria is available in Design Br, Technical Review

TM 5-853-1	Security Engineering Project Development	May 94*
TM 5-853-2	Security Engineering Concept Design	May 94*
TM 5-853-3	Security Engineering Final Design	May 94*

ENGINEERING TECHNICAL LETTERS

ETL 1110-3-394	Aircraft Characteristics for Airfield-Heliport design and Evaluation	Sep 91
ETL 1110-3-430	Design of US Army Airfield Aircraft Mooring and Grounding Points for Rotary Wing Aircraft	Sep 91
ETL 1110-3-446	Revision of Thrust Restraint Criteria in TM 5-813-5/AFM 88-10, Vol. 5, Appendix C	Aug 92
ETL 1110-3-466	Selection & Design of Oil/Water Separators at Army Facilities	Aug 94

STANDARD DETAILS

STD 872-90-02	FE5 Chain-Link Security Fence Details	May 92
STD 872-90-03	FE6 Chain-Link Security Fence Details	May 92
STD 872-90-04	FE7 Chain-Link Security Fence Details For Non-Sensored Fence	May 92
STD 872-90-05	FE7 Chain-Link Security Fence Details For Sensored Fence	May 92

*Criteria is available in Design Br, Technical Review

STD 872-90-06	FE8 Chain-Link Security Fence Details For Sensored Fence	May 92
STD 872-90-07	FE5 Chain-Link Gate Details	May 92
STD 872-90-08	FE6 Chain-Link Gate Details	May 92
STD 872-90-09	FE8 Chain-Link Gate Details	May 92

MILITARY HANDBOOKS

MIL HDBK 1008C	Fire Protection for Facilities Engineering, Construction, and Design	Jun 97*
MIL HDBK 1022	Petroleum Fuel Facilities	Jun 97*

ENGINEERING REGULATIONS

EP 1110-345-100	Engineering and Design - Design Policy for Military Construction	Feb 94
ER 1110-345-700	Engineering and Design - Design Analysis, Drawings and Specifications	May 97

CORPS OF ENGINEERS GUIDE SPECIFICATIONS (CEGS)

Division 02 - Site Work: Designer shall use latest CEGS dated edition.

FEDERAL STANDARD

FED STD 795	Uniform Federal Accessibility Standards (UFAS)	Apr 88
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*Criteria is available in Design Br, Technical Review

FED STD 376B Preferred Metric Units for General Use by the Federal Government

MILITARY STANDARD

MIL-STD 12 D Military Standard Abbreviations for Use on Drawings, and in Specifications, Standards and Technical Documents.

ARMY REGULATION

AR 415-15 Military Construction, Army (MCA) Program Development

MISCELLANEOUS

Design Criteria for Construction in the U.S. Army, Kwajalein Atoll/Kwajalein Missile Range (USAKA/KMR), Mar 97 or latest edition.*

A Policy on Geometric Design of Highways of Streets, American Association of State Highway and Transportation Officials (AASHTO), TE 175.A54, 1994.

Manual on Uniform Traffic Control Devices for Streets and Highways, US Department of Transportation, Federal Highway Administration, HE370.U54, 1988.

Americans with Disabilities Act Guidelines (ADAAG) for Buildings and Facilities, 36 CFR Part 36, INET address <http://www.access-board.gov>

ADA Title II Technical Assistance Manual, Section II 6-3000, Major differences between ADAAG and UFAS, January 24, 1992, the Department of Justice, Civil Rights Division, Office of the Americans with Disabilities Act., INET address <http://www.usdoj.gov/crt/ada/publicat.htm>

Tri-Service CADD/GIS Technology, Architectural, Engineering and Construction (A/E/C) CADD Standards, INET address: <http://tsc.wes.army.mil>

Interim DoD Antiterrorism/ Force Protection Construction Standards, dtd 2000 or latest edition.*

*Criteria is available in Design Br, Technical Review

PODR 1110-1-3	Engineering and Design, Half-Size Drawings and Micro film
CEPOH-EC-DA	Editing Instructions and SPECSINTACT Editing Guide
CEPOD-ED-T	Design Criteria Guide and Sample DA
CEPOH-EC-DA	Procedures for Preparation of Specifications